Changes for the Better

MITSUBISHI ELECTRIC

LCD PUBLIC DISPLAY

NEW PRODUCT

Large-screen Panels for Any Occasion

Cutting-edge data processing and imaging technologies, attractive modern design and installation flexibility combine to provide reliable, highly functional displays for any venue

Full HD 1080p · HDMI · DisplayPort · ENERGY STAR · Compatible with Windows 7

Sleek Aluminum Bezel Framing

Aluminum is incorporated for the bezel framing, producing a stylish design that matches the interior and architecture of virtually any venue.

Built-in Speakers (10W+10W)

Each panel is equipped with two 10W speakers built into the display unit, providing audio without requiring the connection of external speakers.

Enhanced Connectivity with DisplayPort

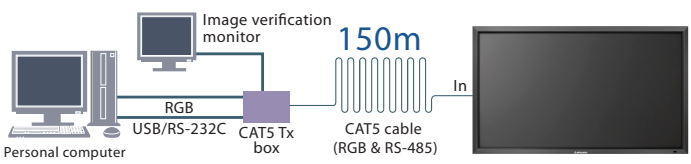
Application versatility is increased with the inclusion of a terminal enabling compatibility with next-generation standard DisplayPort. Transmission of images over a single cable up to 15 metres long is possible.

RJ45 LAN Monitor Control

When connected to a LAN, monitors can be controlled and settings changed from a remote location, expanding installation possibilities.

CAT5 Long Cable Capability (Option)

Optional CAT5 receiver and transmitter enable long cable connection of up to 150 metres without degrading picture quality.



55"LCD Display

LDT 55IV

Resolution	1920x1080 (Full HD)
Colours	1.06 billion
Brightness	500cd/m²
Contrast Ratio	5000:1
Viewing Angle	Up/Down 178° Left/Right 178°
Response Time	8ms (Grey to Grey)

Options

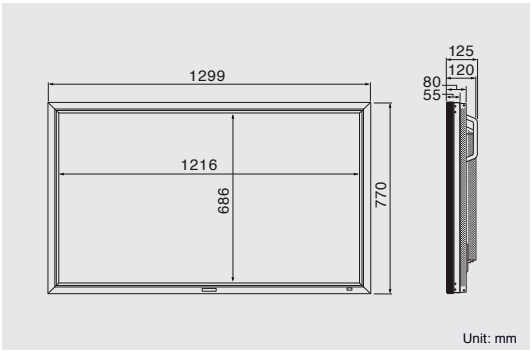
Stand: **ST-461V**

CAT5 Transmitter Box: **DP-2CA5-T**

CAT5 Receiver Box: **DP-2CA5-R**

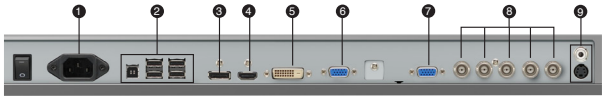
55” LCD Display
LDT551V

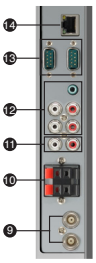
Dimensions



Unit: mm

Connector Terminals





❶ Power in (3-pin, with earth terminal)
❷ USB hub
❸ RGB 6 in (DisplayPort)
❹ RGB 1 in (HDMI)
❺ RGB 2 in (DVI-D)
❻ RGB 3 in (mini D-sub 15-pin)
❼ RGB out (mini D-sub 15-pin)
❽ RGB 4 in DVD/HD in (BNC)
❾ Video I/O (BNC/S, RCA connectors)
❿ External speaker terminals
⓫ Audio out (RCA)
⓬ Audio in 1, 2, 3
⓭ RS-232C (D-sub 9-pin)
⓮ LAN connector
⓯ Option slot

Specifications

Orientation				Landscape/Portrait
LCD module	Screen size (diagonal)			54.6" (1388mm)
	Panel type			VA
	Pixel pitch			0.630mm
	Resolution			1920 × 1080 (Full HD)
	Colour			Approx. 1.06 billion
	Brightness (typ.)			500 cd/m²
	Contrast ratio			5000 : 1
	Viewing angle (CR≧10)			Up/Down 178°, Left/Right 178°
	Response time			8ms (Grey to Grey)
Viewing area				1209 x 680mm (47.6" x 26.8")
Power management				VESA DPM
Plug-n-Play				VESA DDC2B, DDC/CI
Auto adjustment				Contrast, Position, Phase, Clock
OSD user functions				Brightness, contrast, black level, zoom, PiP, Screen saver, Side border colour, Gamma selection, black level expansion, heat status, power-on delay, schedule, tiling, CAT-5 control, LAN control, closed caption, Programmable LUT, etc.
Speaker/Audio output				External speaker jacks (7W + 7W) and internal speakers (10W + 10W typ.)
Input/Output signal	PC Input/ Output	Input connector	(Analog)	Mini D-sub 15-pin, BNC (R, G, B, H, V) (PC/AV common)
			(Digital)	HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common), DisplayPort
		Output connector		Mini D-sub 15-pin
		CAT5 input		Modular 8-pin×1 providing RGB differential video and RS-485 control support. (Option)
		CAT5 output		Modular 8-pin×1 providing RGB differential video and RS-485 control support. (Option)
		Horizontal frequency		15.625/15.734, 31.5-91.1kHz
		Vertical frequency		50, 58-85Hz
		Video signal		Analog RGB, Digital: RGB
		Sync signal		Analog: separate (TTL), composite (TTL), Sync-on-Green, Digital: TMDS
		Resolutions supported		640 × 480, 800 × 600, 1024 × 768, 1280 × 768, 1360 × 768, 1280 × 1024, 1600 × 1200,1920 × 1080, 1920 × 1200 (1600 × 1200, 1920 × 1200 simplified compression)
	AV Input/ Output	Input connector	(Analog)	Composite video <BNC, RCA>, S-terminal, BNC(Y/Pb/Pr;PC/AV common)
			(Digital)	HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common)
		Output connector		Analog: composite video <BNC>
		Resolutions supported		Composite signal/S-terminal: NTSC, PAL, SECAM, 4.43 NTSC, PAL60 Component signal: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Audio Input/ Output	Input connector	(Analog)	RCA pin-jacks × 2 (L/R), stereo mini jack
			(Digital)	HDMI x 1
		Output connector		RCA pin jacks (L/R)
	Control Input/Output	Input connector		RS-232C <D-sub 9-pin>, LAN <modular 8-pin>
		Output connector		RS-232C <D-sub 9-pin>
USB hub				Self-powered hub: 1 upstream/4 downstream/USB2.0 compliant
Power Supply	Voltage, Current			AC100-240V, 50/60Hz
	Consumption			344W(322W w/o speakers)
	Consumption in economy mode			Sleep mode: Less than 1W Power switch off: Less than 1W Main power switch off: 0W
Dimensions (W x H x D)	Net			1299 × 770 × 125mm (51.1”×30.3”×4.9”)
	Overall			1474 × 938 × 346mm (58”×36.9”×13.6”)
Weight	Net			Approx. 39.9kg / 88.0lbs
	Gross			Approx. 50.6kg / 111.6lbs
Wall mounting interface				8 holes, M8 screws (200mm (7.9”) pitch) for monitor, 4 holes x 2 sets, M4 screws (100mm (4.0”) pitch) for SBC , Signage player mounted on monitor
Regulation/Guideline compliance				UL60950-1/C-UL/CE Marking/BSMI/GOST-R/FCC-B /DOC-B/C-Tick/ RoHS/US Mercury/Energy Star/CCC only for Chinese model
Accessories				Power cord, signal cable (mini D-sub 15-pin to mini D-sub 15-pin cable), User's Manual, remote control, batteries, clamps (for power cord and HDMI cable), etc.

The display size stated in flyer copy is rounded off to a whole number. The actual size is listed in the Specifications chart.

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